

CLAIMS

1. A method of producing abrasive tools with abrasive particles composed of aluminum oxide, comprising the steps of producing a mixture of initial components with particles of $\text{Al}(\text{OH})_3$; forming blanks of abrasive tools from the mixture; and subsequently subjecting the blanks to a heat treatment so that the particles of $\text{Al}(\text{OH})_3$ are converted into abrasive particles of Al_2O_3 .

2. A method of as defined in claim 1, wherein said forming includes making a sheet of the mixture of the initial components and the particles of $\text{Al}(\text{OH})_3$, and thereafter separating the blanks of the abrasive tools from the sheet.

3. A method as defined in claim 2, wherein said making a sheet includes rolling the mixture of the components with the particles of $\text{Al}(\text{OH})_3$ between rolls.

A.C. 02/19/04
S.V. 02/19/04
G.B. 02/19/04

4. An abrasive tool, composed of blanks of abrasive tools from a mixture of components with particles of $\text{Al}(\text{OH})_3$, which are subsequently subjecting to a heat treatment so that the particles of $\text{Al}(\text{OH})_3$ are converted into particles of Al_2O_3 .

4. An abrasive tool, composed of blanks of abrasive tools from a mixture of components with particles of Al(OH)_3 , which are subsequently subjecting to a heat treatment so that the particles of Al(OH)_3 are converted into particles of Al_2O_3 .